

Online Supplemental Material

Table S1. Characteristics of included studies

Authors	Year of Study	No. Observations	Country	Years of Data	Method	Type of Data ⁺	Food Groups
Abdulai et al	2002	775	Switzerland	1998	AIDS ^a	Cross-sectional	Cereals Fats and oils Fruits and vegetables Other
Ackah & Appleton	2011	10521	Ghana	1991-1999	AIDS ^a	Cross-sectional	Cereals Fish Fruits and vegetables Meat Other
Adhikari et al	2006	N/A	USA	1997-2003	LA/AIDS ^b	Aggregate	Fish Meat
Agbola	2003	4353	South Africa	1993	LA/AIDS ^b	Cross-sectional	Cereals Dairy Fruits and vegetables Other
Agbola et al	2003	6960	South Africa	1993	LA/AIDS ^b	Cross-sectional	Cereals Dairy Fruits and vegetables Other
Akbay et al	2007	25738	Turkey	2003	LA/AIDS ^b	Cross-sectional	Cereals Dairy Fats and oils Fruits and vegetables Meat Other Sweets
Akinleye & Rahij	2007	Missing	Nigeria	1996-1997	LA/AIDS ^b	Cross-sectional	Cereals Fruits and vegetables
Al-Shuaibi	2011	N/A	Saudi Arabia	1999-2008	AIDS ^a	Aggregate	Fish Meat
Alboghady & Alashry	2010	N/A	Egypt	1990-2005	AIDS ^a	Aggregate	Fish Meat
Alderman & del Ninno	1999	8781	South Africa	1993	AIDS ^a	Cross-sectional	Cereals Dairy Fats and oils Fish Fruits and vegetables Meat Other Sweets

Alfonzo & Peterson	2006	4277	Paraguay	1997	LA/AIDS ^b	Cross-sectional	Cereals Dairy Eggs Fats and oils Meat Other
Allais et al	2010	1872	France	1996-2001	AIDS ^a	Panel	Cereals Dairy Eggs Fats and oils Fish Fruits and vegetables Meat Other Sweets
Allais & Nichele	2007	156	France	1991-2002	MS-AIDS ^c	Panel	Fish Meat
Allen et al	2009	130	France	1996-2005	LA/AIDS ^b	Panel	Cereals Dairy Eggs Fats and oils Fish Fruits and vegetables Meat Other Sweets
Alviola & Capps	2010	38192	USA	2004	Heckman two step ^d	Scanner	Dairy
Angulo et al	2003	32000	Spain	1995	GAIDS ^e	Panel	Cereals Dairy Fish Fruits and vegetables Meat
Angulo et al	2002	1736	Spain	1995-1996	Rotterdam ^f	Panel	Cereals Dairy Fats and oils Fish Meat
Angulo & Gil	2006	1657	Spain	1999	AIDS ^a	Panel	Eggs Fish Meat
Anwarul Huq & Arshad	2010	Missing	Bangladesh	1993-2006	LA/AIDS ^b	Panel	Cereals Dairy Fats and oils Fish Fruits and vegetables Meat
Balcombe et al	1999	15000	Bulgaria	1991-1996	AIDS ^a	Cross-sectional	Cereals Dairy Meat

Beach & Zhen	2009	728	Italy	2004-2006	AIDS ^a	Scanner	Other
Berges & Casellas	2002	27260	Argentina	1996-1997	LES ^g	Cross-sectional	Meat
							Cereals
							Dairy
							Eggs
							Fats and oils
							Fruits and vegetables
							Meat
							Other
Bouamra-Mechemache	2008	N/A	France & Italy	1991-2004	LA/AIDS ^b	Scanner	Sweets
							Dairy
							Fats and oils
Brosig	2000	7250	Hungary	1996	LA/AIDS ^b	Cross-sectional	Fruits and vegetables
							Dairy
							Fats and oils
							Fruits and vegetables
							Other
Bunte & Vavra	2006	N/A	Czech Rep.	1995-2005	AIDS ^a	Aggregate	Dairy
			Netherlands			Scanner	Meat
Cakir & Balagtas	2010	55	USA	1990-2005	LA/AIDS ^b	Aggregate	Dairy
							Fats and oils
Capacci & Mazzocchi	2011	6917	UK	2002-2005	QUAIDS ^h	Cross-sectional	Fruits and vegetables
							Other
Caracciolo & Cembalo	2010	2849	Italy	2008-2009	LA/AIDS ^b	Panel	Fruits and vegetables
Chern et al	2003	95223	Japan	1997	LA/AIDS ^b	Panel	Cereals
							Dairy
							Eggs
							Fats and oils
							Fish
							Other
Coelho et al	2010	43922	Brazil	2002-2003	QUAIDS ^h	Cross-sectional	Cereals
							Dairy
							Fats and oils
							Fruits and vegetables
							Meat
Conte	2006	1875	Egypt	1997	AIDS ^a	Cross-sectional	Cereals
							Fats and oils
							Fruits and vegetables
Crawford et al	1997	4668	Czech Rep.	1991-1992	AIDS ^a	Panel	Dairy
							Fruits and vegetables
							Meat
							Sweets
Davis et al	2011	7223	USA	2006	Tobit AIDS ⁱ	Scanner	Dairy
Davis et al	2009	8000	USA	2005	Translog ^j	Scanner	Dairy
Davis et al	2008	8216	USA	2005	Translog ^j	Scanner	Cereals
							Dairy
							Fish
							Fruits and vegetables
							Meat

Davis et al	2007	8229	USA	2004	Translog ^j	Scanner	Dairy Fish Meat
Dey et al	2008	179555	Multiple	1996-2001	QUAIDS ^h	Cross-sectional	Fish
Dharmasena & Capps	2011	72	USA	2003	LA/AIDS ^b	Scanner	Dairy Fruits and vegetables Sweets
Dong et al	2007	Missing	Norway	1999-2000	LA/AIDS ^b	Panel	Fish Meat
Ecker & Qaim	2011	10370	Malawi	2004-2005	QUAIDS ^h	Cross-sectional	Cereals Dairy Eggs Fats and oils Fish Fruits and vegetables Meat Sweets
Ekinci	2000	443	Spain	1990	Double hurdle ^k	Cross-sectional	Other
Elsner	1999	2874	Russia	1997	LA/AIDS ^b	Cross-sectional	Cereals Dairy Eggs Fats and oils Fruits and vegetables Meat Sweets
Erjavec et al	1998	6224	Slovenia	2004-2005	LA/AIDS ^b	Cross-sectional	Cereals Dairy Fats and oils Fruits and vegetables Meat Other
Fabiosa & Jensen	2003	60674	Indonesia	1996	LinQuad ^l	Cross-sectional	Cereals Fats and oils Fish Fruits and vegetables Meat
Fabiosa & Jensen	2002	60674	Indonesia	1996	LA/AIDS ^b	Cross-sectional	Cereals Fats and oils Fish Fruits and vegetables Meat
Fabiosa	2006	60000	Indonesia	1999-2002	Double hurdle ^k	Cross-sectional	Cereals
Fousekis & Revell	2004	Missing	UK	1992-2001	AIDS ^a	Panel	Fish
Frohberg & Winter	2001	Missing	Lithuania	1995	QES ^m	Cross-sectional	Cereals Dairy Eggs Fats and oils Fruits and vegetables Meat

							Other
							Sweets
Garcia et al	2005	39615	Philippines	2000	QUAIDS ^h	Cross-sectional	Fish
Gibson & Rozele	2002	755	Papua New Guinea	1995-1996	AIDS ^a	Cross-sectional	Cereals
Golan et al	2001	1000	Mexico	1992	AIDS ^a	Cross-sectional	Fruits and vegetables
Gould	1996	4303	USA	1991-1992	Translog ^j	Scanner	Fish
Guadelupe et al	2010	N/A	Mexico	1995-2003	Unknown	Aggregate	Meat
Gulseven & Wohlegant	2010	Missing	USA	2002-2005	Rotterdam ^f	Scanner	Dairy
Gustavsen & Rickertsen	2003	N/A	Norway	1996-1998	AIDS ^a	Aggregate	Cereals
							Dairy
							Fruits and vegetables
							Sweets
Hassan	2012	N/A	Colombia	1998-2007	AIDS ^a	Aggregate	Meat
Hoang	2009	9198	Vietnam	2006	LA/AIDS ^b	Cross-sectional	Cereals
							Fish
							Fruits and vegetables
							Meat
							Other
Hoderlain & Mihaleva	2008	Missing	UK	1994-1999	AIDS ^a	Cross-sectional	Fats and oils
Hossain & Jensen	2000	1200	Lithuania	1992-1994	LA/AIDS ^b	Panel	Cereals
							Dairy
							Eggs
							Fats and oils
							Fruits and vegetables
							Meat
							Other
Hossain et al	2001	13537	Latvia	1996-1997	AIDS ^a	Cross-sectional	Cereals
							Dairy
							Fats and oils
							Fish
							Fruits and vegetables
							Meat
							Other
Huang & Show	2010	N/A	Taiwan	2002-2008	AIDS ^a	Aggregate	Fish
							Meat
Huq et al	2004	7072	Bangladesh	1995-1996	LA/AIDS ^b	Cross-sectional	Cereals
							Fruits and vegetables
Hutasuhut et al	2001	Missing	Indonesia	1996	LA/AIDS ^b	Cross-sectional	Meat
Ishdorj & Jensen	2008	7096	USA	2006	AIDS ^a	Scanner	Cereals
Islam et al	2007	300	Bangladesh	2000	LA/AIDS ^b	Cross-sectional	Cereals
							Fats and oils
							Fish
							Fruits and vegetables
							Meat
							Other
Ismail & Lofti	2007	N/A	Egypt	1991-2005	AIDS ^a	Aggregate	Cereals
							Fish

Jabarin & El-Karablieh	2011	3193	Jordan	2005	LA/AIDS ^b	Cross-sectional	Meat
Jaffry & Brown	2008	Missing	UK	1995-1999	AIDS ^a	Scanner	Fruits and vegetables
Klonaris & Karagiannis	2002	6741	Greece	1993-1994	LA/AIDS ^b	Cross-sectional	Fish
							Cereals
							Dairy
							Fats and oils
							Fish
							Fruits and vegetables
							Meat
							Other
							Sweets
Kuchler et al	2010	469	USA	1998-2006	LA/AIDS ^b	Scanner	Fish
Kumar & Dey	2004	22524	Canada & India	1992-2000	QUAIDS ^h	Cross-sectional	Fish
Lazaridis	2003	6602	Greece	1993-1994	LA/AIDS ^b	Cross-sectional	Meat
Le	2008	9189	Vietnam	2004	AIDS ^a	Cross-sectional	Meat
							Cereals
							Other
Lecocq & Robin	2006	25776	France	1991-1993	AIDS ^a	Panel	Dairy
							Fish
							Fruits and vegetables
							Meat
Lema et al	2007	5665	Bolivia & Paraguay	2000-2004	LinQuad ^l	Cross-sectional	Cereals
							Dairy
							Fats and oils
							Fruits and vegetables
							Meat
							Sweets
Lin et al	2010	120	USA	1998-2007	AIDS ^a	Scanner	Dairy
							Fruits and vegetables
							Sweets
Lin et al	2008	6696	USA	2006	Translog ^j	Scanner	Fruits and vegetables
Llanto	1996	21648	Philippines	1991	QUAIDS ^h	Cross-sectional	Cereals
							Dairy
							Fruits and vegetables
							Meat
							Other
Lopez & Malaga	2009	16909	Mexico	2006	LES ^g	Cross-sectional	Fish
							Meat
Luchini et al	2001	620	Bulgaria	1995-1997	AIDS ^a	Aggregate	Cereals
							Fruits and vegetables
							Other
Ma et al	2003	N/A	China	1990-2000	LA/AIDS ^b	Aggregate	Dairy
							Eggs
							Meat
Maynard	2000	Missing	USA	1996-1998	LA/AIDS ^b	Scanner	Dairy
Maynard & Liu	1999	Missing	USA	1996-1998	GAIDS ^c	Scanner	Dairy
							Fats and oils
Mazzocchi	2004	N/A	Italy	1996-1999	AIDS ^a	Aggregate	Fish
							Meat

Meyerhoefer et al	2005	6940	Romania	1994-1996	AIDS ^a	Panel	Cereals Fruits and vegetables Other
Millan & Aldaz	2005	6565	Spain	1997-1998	Double hurdle ^k	Panel	Fish
Minot & Goletti	2000	Missing	Vietnam	1992-1993	LA/AIDS ^b	Cross-sectional	Cereals Fats and oils Fish Fruits and vegetables Meat Other
Monnet-Benoit	2011	158	Cote d'Ivoire	2002	LA/AIDS ^b	Cross-sectional	Fats and oils Fruits and vegetables
Moschini & Rizzi	2007	87	Italy	1997-2004	NQ Mixed ⁿ	Scanner	Fruits and vegetables
Moschini & Rizzi	2005	88	Italy	1997-2004	LES ^g	Scanner	Fruits and vegetables
Muhammad et al	2011	N/A	Multiple	2005	Florida ^o	Aggregate	Cereals Dairy Fats and oils Fish Fruits and vegetables Meat Other
Mutondo	2007	N/A	USA	1995-2005	Rotterdam ^f	Aggregate	Meat
Nimi	2005	10800	Vietnam	1992-1998	LA/AIDS ^b	Cross-sectional	Cereals Dairy Fish Fruits and vegetables Meat Sweets
Okrent & Alston	2011	N/A	USA	1998-2009	LA/AIDS ^b	Aggregate	Cereals Dairy Eggs Fruits and vegetables Meat Other
Ozer	2003	26256	Turkey	1994	LES ^g	Cross-sectional	Cereals Fruits and vegetables
Peterson & Chen	2005	N/A	Japan	1994-2001	Rotterdam ^f	Aggregate	Fish Meat
Piggot et al	2007	Missing	USA	1998-2005	GAIDS ^c	Scanner	Meat
Pintos-Payeras	2009	6594	Brazil	2002-2003	AIDS ^a	Cross-sectional	Cereals Fish Fruits and vegetables Meat Sweets
Pittman	2004	5715	USA	1999	LA/AIDS ^b	Scanner	Dairy Fruits and vegetables Sweets
Pofahl et al	2005	7142	USA	2001	QUAIDS ^h	Scanner	Dairy Fruits and vegetables

Pomboza & Mbaga	2007	4685	Canada	2001	AIDS ^a	Cross-sectional	Sweets Cereals Dairy Eggs Fats and oils Fish Fruits and vegetables Meat Other
Pruitt & Raper	2010	Missing	USA	2001-2008	AIDS ^a	Scanner	Meat
Quagraine	2003	Missing	USA	1994-2001	AIDS ^a	Aggregate	Fish
Radwan et al	2009	N/A	Spain	1997-2006	GAIDS ^c	Aggregate	Fish Meat
Radwan et al	2008	144	Spain	1997-2006	GAIDS ^c	Aggregate	Fish Meat
Ragab et al	2008	N/A	Egypt	2002	LA/AIDS ^b	Aggregate	Fish Meat
Ramadan & Thomas	2011	498	Egypt	1997	NQ Mixed ⁿ	Aggregate	Fats and oils Sweets
Raper	2002	7154	USA	1992	LES ^g	Cross-sectional	Cereals Dairy Fats and oils Fruits and vegetables Meat Other
Razzaque et al	1997	Missing	Bangladesh	1991-1992	FCDS ^p	Cross-sectional	Sweets Cereals Dairy Fats and oils Fish Fruits and vegetables Meat Other
Regorsek & Erjavec	2007	954	Slovenia	2000-2002	LA/AIDS ^b	Cross-sectional	Sweets Cereals Dairy Fats and oils Fruits and vegetables
Revoredo-Giha et al	2009	Missing	UK	2006-2008	LA/AIDS ^b	Scanner	Sweets Cereals Dairy Fats and oils Fish Meat Other
Rickertsen et al	2003	N/A	Norway	1995	LA/AIDS ^b	Aggregate	Dairy Fats and oils Fish Meat

Rickertesen	1998	N/A	Norway	1991	AIDS ^a	Aggregate	Other Cereals Dairy Eggs Fish Fruits and vegetables Meat Other Sweets
Santarossa et al	2003	Missing	UK	1992-1996	AIDS ^a	Panel	Cereals Dairy Eggs Fats and oils Fish Fruits and vegetables Meat Other
Schmit et al	2002	2177	USA	1996-1999	Heckman two step ^d	Scanner	Dairy
Sckokai et al	2009	60	Italy	2002-2006	AIDS ^a	Aggregate	Dairy
Seale et al	2003	N/A	Multiple	1996	Florida ^o	Aggregate	Cereals Dairy Fats and oils Fish Fruits and vegetables Meat Other
Sheng et al	2008	14084	Malaysia	2004-2005	LA/AIDS ^b	Cross-sectional	Cereals Dairy Eggs Fats and oils Fish Fruits and vegetables Meat Other
Silva et al	2010	Missing	UK	2001-2008	LA/AIDS ^b	Cross-sectional	Sweets Fruits and vegetables Other
Smed et al	2007	2000	Denmark	2000	AIDS ^a	Scanner	Fats and oils Fruits and vegetables Meat Sweets
Smith et al	2010	Missing	USA	1998-2007	AIDS ^a	Scanner	Dairy Fruits and vegetables Sweets
Souza et al	2008	N/A	Brazil	1995-2006	Partial Equilibrium ^q	Aggregate	Meat
Stockton & Capps	2005	Missing	USA	1999	AIDS ^a	Scanner	Dairy Fruits and vegetables Sweets
Taniguchi & Chern	2000	21496	Japan	1997	AIDS ^a	Cross-sectional	Cereals

							Dairy
							Eggs
							Fats and oils
							Fish
							Fruits and vegetables
							Other
Thiele	2010	12000	Germany	2003	LA/AIDS ^b	Cross-sectional	Cereals
							Dairy
							Fruits and vegetables
							Meat
Thiele	2008	12000	Germany	2003	LA/AIDS ^b	Cross-sectional	Other
							Cereals
							Dairy
							Fruits and vegetables
							Meat
							Other
Tiffin & Arnoult	2010	7014	UK	2003-2004	AIDS ^a	Cross-sectional	Cereals
							Dairy
							Fats and oils
Tinooco et al	2011	N/A	Mexico	1995-2008	AIDS ^a	Aggregate	Fruits and vegetables
							Cereals
							Eggs
							Meat
Turk & Erjavec	2001	3112	Slovenia	1993	LA/AIDS ^b	Cross-sectional	Cereals
							Dairy
							Fats and oils
							Fruits and vegetables
							Meat
							Other
Ul Haq et al	2008	14708	Pakistan	2004-2005	LA/AIDS ^b	Cross-sectional	Cereals
							Dairy
							Fats and oils
							Fruits and vegetables
							Meat
							Other
Ulimwengu et al	2009	Missing	Ethiopia	1999-2000	AIDS ^a	Cross-sectional	Cereals
							Fruits and vegetables
							Meat
							Sweets
Ulimwengu & Ramadan	2009	7400	Uganda	2005-2006	AIDS ^a	Cross-sectional	Cereals
							Fruits and vegetables
							Other
Ulubasoglu et al	2010	13816	Australia	1989-2004	LA/AIDS ^b	Cross-sectional	Cereals
							Dairy
							Fats and oils
							Fruits and vegetables
							Meat
							Sweets
Verbeke & Ward	2001	Missing	Belgium	1995-1998	AIDS ^a	Panel	Meat

Weliwita et al	2003	4800	Tanzania	1991-1992	LA/AIDS ^b	Cross-sectional	Cereals Dairy Fats and oils Fish Fruits and vegetables Meat Other Sweets Fish Meat
Yeboah & Maynard	2004	N/A	Japan	2002	Rotterdam ^f	Aggregate	

⁺The four types of data used were aggregate (national average statistics), cross-sectional (data from surveys), panel (data from longitudinal surveys) and scanner (home or supermarket scanner data)

^a Almost Ideal Demand System: a system of equations including prices, income and expenditure shares of various goods and services. It is assumed that each individual within the system will maximise the utility of their expenditure.

^b Linear Approximated Almost Ideal Demand System: similar to the AIDS model but using the Stone index to linearize prices.

^c Markov Switching Almost Ideal Demand System: similar to the AIDS model but can also model abrupt changes in demand caused by crises etc.

^d The Heckman two step estimator is a process for correcting for selection bias in econometric problems.

^e Generalized Almost Ideal Demand System: similar to the AIDS model but using generalized equations.

^f The Rotterdam model is a system of linear equations designed to model expenditure and substitution. Similar to the AIDS model.

^g Linear Expenditure System (LES): an additive demand system which assumes that all goods are net substitutes for one another. This model can only make short-term predictions.

^h Quadratic Almost Ideal Demand System: similar to the AIDS model but using a quadratic term for income which makes the model more flexible.

ⁱ Tobit AIDS: similar to the AIDS model but includes a tobit function assuming that there is a latent and unobservable dependent variable.

^j Translog model: a demand system which uses a flexible function which provides a quadratic approximation of utility.

^k The Double Hurdle model assumes that there are two decisions involved in purchasing: the decision to purchase and the decision over how much to purchase. These are viewed as independent of one another.

^l LinQuad is an incomplete demand system which is quadratic to prices and linear to incomes.

^m Quadratic Expenditure System: similar to the LES, but with a quadratic instead of linear function.

ⁿ Normalized Quadratic Mixed Demand System: similar to the AIDS model, but for some goods the prices are predetermined and for other goods the aggregate quantities are predetermined.

^o The Florida model combines features of the AIDS and Rotterdam models, but has fewer parameters than the AIDS model.

^p Food Characteristic Demand System: similar to the AIDS model, but assumes that demand for food is based on demand for energy, variety and tastes.

^q A supply and demand model in which equilibrium between supply and demand only occurs in the section of the market which is directly affected by price changes.

Search Strategy (as used in Medline database, but repeated for other databases with modifications as necessary)

We used both general and specific terms to develop this search strategy, and kept a number of broad terms. This resulted in us identifying a number of papers not relevant to our search, but we felt that this was important in order not to miss any relevant papers. More specific food terms were used to help identify papers that did not use the generic term “food”, and we chose these terms by identifying the most common foods studied in a search of food demand papers.

List of searches using Boolean operators:

1. Food; ti,ab
2. Price elast*; ti,ab
3. Demand elast*; ti,ab
4. Ideal demand; ti,ab
5. Meat; ti,ab
6. Dairy; ti,ab
7. Milk; ti,ab
8. Cheese; ti,ab
9. Pork; ti,ab
10. Beef; ti,ab
11. Chicken; ti,ab
12. Poultry; ti,ab
13. Lamb; ti,ab
14. Fruit*; ti,ab
15. Vegetable*; ti,ab
16. Beverage*; ti,ab
17. Rice; ti,ab
18. Wheat; ti,ab
19. Cereal*; ti,ab
20. Cassava; ti,ab
21. Rye; ti,ab
22. Grain*; ti,ab
23. Soy*; ti,ab
24. Potato*; ti,ab
25. Fish; ti,ab
26. (1 OR 5-25) AND (2 OR 3 OR 4)

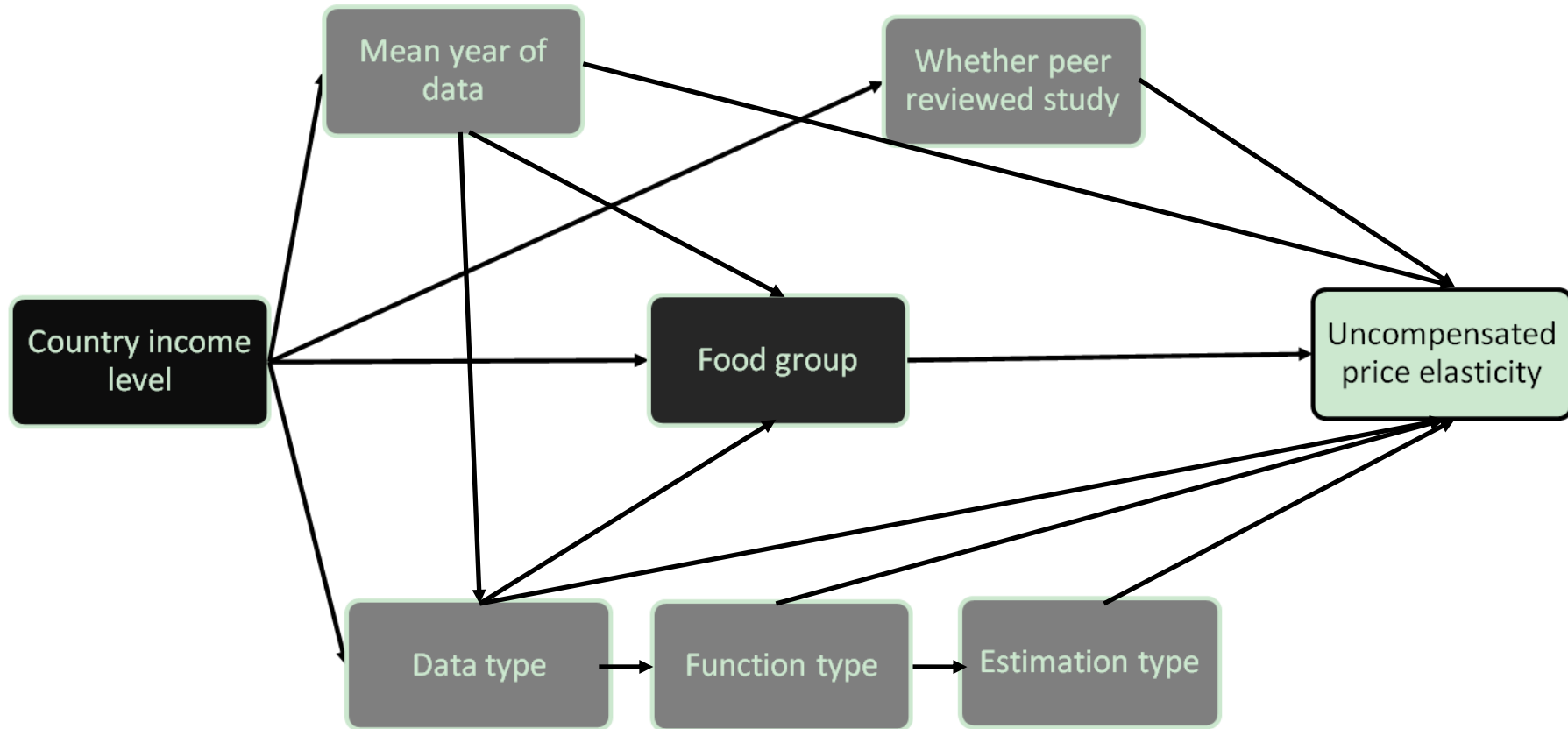
Table S2. Size of relationship between food price and consumption (n=136 studies) – random effects meta-regression model

Variable	Category	Coefficient	Bootstrap SE	Sig.
Low/Middle/ High Income	Low income	-	-	-
	Middle income	0.06	0.03	0.054
Country	High income	0.18	0.03	<0.001
Study type	Peer-reviewed	-0.01	0.03	0.406
	Grey literature (reference)	-	-	-
Data source	Aggregate (reference)	-	-	-
	Cross-sectional	-0.26	0.04	<0.001
	Panel	-0.26	0.06	<0.001
	Scanner	-0.59	0.05	<0.001
Year of data	Per 1 year increase	-0.00	0.00	0.428
Food group	Fruit and Vegetables	-0.11	0.02	<0.001
	Meat	-0.17	0.02	<0.001
	Fish	-0.19	0.02	<0.001
	Dairy	-0.17	0.02	<0.001
	Eggs	-0.07	0.06	0.454
	Cereals (reference)	-	-	-
	Fats and Oils	0.01	0.02	0.179
	Sweets, Confectionery and Sweetened Beverages	-0.13	0.04	0.024
	Other	-0.34	0.02	<0.001

Table S3: Size of relationship between food price and consumption for household income groups (highest income group compared to lowest, as reported in the studies, n=21) – random effects meta-regression model

Variable	Category	N	Coefficient	Bootstrap SE	Sig.
Region	Europe	145	0.14	0.04	0.002
	North America	84	0.17	0.07	0.019
	South America	30	0.08	0.08	0.318
	Asia	44	0.01	0.09	0.928
	Africa	16	0.45	0.28	0.108
	Australasia	0	N/A	N/A	N/A
Country income	Low	60	0.12	0.09	0.187
	Middle	74	0.03	0.05	0.501
	High	185	0.18	0.05	<0.001
Food group	Fruit and Vegetables	84	0.16	0.07	0.031
	Meat	54	0.19	0.08	0.015
	Fish	43	0.20	0.10	0.039
	Dairy	28	0.02	0.07	0.819
	Eggs	0	N/A	N/A	N/A
	Cereals	46	0.16	0.12	0.197
	Fats and Oils	0	N/A	N/A	N/A
	Sweets, Confectionery And Sweetened Beverages	18	0.07	0.12	0.529
	Other	27	0.05	0.05	0.365
	All	319	0.14	0.03	<0.001

Figure S1: Directed Acyclic Graph showing selection of covariates in meta-regression models



White box shows the outcome of interest (uncompensated price elasticities), and black boxes show the factors under investigation (country income level and food group). Grey boxes are covariates, with arrows showing their assumed relationship to the exposures and outcome.